EARTH 14AWG
L1 14AWG
L2 14AWG
N 14AWG
100A MAIN DISCONNECT
SPINDLE 10A BREAKER
CONTACTOR4 10A
COIL
PC 5A-24VDC PSU LUBRICATOR LAMP FANS BREAKER
COOLANT PUMP BREAKER
HYDRAULIC PUMP BREAKER
CONTACTOR1 10A
CONTACTOR2 10A
A-AXIS SERVO AMP 10A BREAKER
C-AXIS SERVO AMP 10A BREAKER
X-AXIS SERVO AMP 10A BREAKER
Y-AXIS SERVO AMP 10A BREAKER
Z-AXIS SERVO AMP 10A BREAKER
CONTACTOR3 10A
SP RS232-RS484 CONVERTER
SN RS232-RS484 CONVERTER
CONDITIONER 24VDC 5A
EATON 10AMP 3PH CONTACTOR
MEANWELL 24VDC 5A
MEANWELL 24VDC 2.5A
SPINDLE MOTOR 2.2KW 3PH 400VAC
SPINDLE ENCODER 2.5A 5VDC
ELECTRIC WATER AUTO DRAIN VALVE 2.5W 3PH MOTOR
ANALOG (+)
ANALOG (-)
ENABLE (GND TO ENBL)
TACH IN -
COMMON (SIGNAL GND)
CHASSIS GND
±10V
BE25A20AC AMC SERVO DRIVE
MOTOR A (+)
MOTOR B (-)
A-AXIS
C-AXIS
X-AXIS
Y-AXIS
Z-AXIS
TO INTERPOLATORS
TO DIGITAL ENCODERS
12 INPUTS FOR SPEED SELECTION?
P1 HOST CONNECTOR
ANALOG SERVO INTERFACE ART REV. B
Mesa 7177
LUBRICATOR RELAY
Z-BRAKE RELAY2
BRAKE RELAY
HYDRAULIC PRESSURE SWITCH
FLUID LEVEL MONITOR
LUBRICATOR PRESSURE SWITCH
X+ LIMIT/HOME
X- LIMIT/HOME
Y+ LIMIT/HOME
Y- LIMIT/HOME
Z+ LIMIT/HOME
Z- LIMIT/HOME
A+ LIMIT/HOME
A- LIMIT/HOME
B+ LIMIT/HOME
B- LIMIT/HOME
X-AXIS INTERP.
Y-AXIS INTERP.
Z-AXIS INTERP.
FAN1
FAN2
FAN3
LUBRICATOR MOTOR
LUBRICATOR RELAY (2A)
PIN8
PIN5
PIN4
PIN2
PIN1
DC SWITCH
SPINDLE ENCODER
WORK LAMP 24V 5W
TOOL CHANGE SW
HYDRAULIC SOLENOID
RELAY1 (3A)
SPINDLE IS ON CHECK PRESSURE IS REACHED CHECK SOLENOID VALVE RELAY